

**1630-3 MEASUREMENT AND PAYMENT**

*Silt Excavation* will be measured and paid in cubic yards measured in the original position, of all materials excavated within the limits established by the plans or directed by the Engineer. If in the opinion of the Engineer it is not feasible to measure the excavated material in its original position, the volume will be determined by truck measurement in accordance with Subarticle 230-5, except that no deduction for shrinkage will be made.

The filling of silt basins or silt ditches will be paid as provided in Section 225 for *Unclassified Excavation* or in Section 230 for *Borrow Excavation*, depending on the source of the material used to fill the basins or ditches.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Silt Excavation	Cubic Yard

## SECTION 1631 ROLLED EROSION CONTROL PRODUCTS

**1631-1 DESCRIPTION**

Furnish, place and maintain a rolled erosion control product (matting) on previously shaped and seeded drainage ditches, slopes or other areas at locations shown in the contract or as directed. Work includes providing all materials, excavation and backfilling, placing and securing matting and maintaining the drainage ditch.

The conditions which occur during the construction of the project will determine the quantity of matting placed. The quantity of matting may be increased, decreased or eliminated entirely as directed. Such variations in quantity will not be considered as alterations in the details of construction or a change in the character of the work.

**1631-2 MATERIALS**

Refer to Division 10.

<b>Item</b>	<b>Section</b>
Matting for Erosion Control	1060-8
Staples	1060-8

**1631-3 CONSTRUCTION METHODS**

Place matting immediately following seeding. Provide a smooth soil surface free from stones, clods or debris that will prevent the contact of the matting with the soil. Preserve the required line, grade and cross section of the area covered.

Unroll matting in the direction of the flow of water and apply without stretching so that it will lie smoothly but loosely on the soil surface. Bury the up-channel or top of slope end of each piece of matting in a narrow trench at least 6" deep and tamp firmly. Where one roll of matting ends and a second-roll begins, overlap the end of the upper roll over the buried end of the second roll so there is a 4" overlap. Construct staple checks 4" on center and every 30 ft longitudinally in the matting or as directed. Fold over and bury matting to the full depth of the trench, close and tamp firmly. Overlap matting at least 4" where 2 or more widths of matting are laid side by side.

Place staples across matting at ends, junctions and check trenches approximately 10" apart.

Place staples along the outer edges and down the center of each strip of matting 3 ft apart. Place staples along all lapped edges 10" apart.

Install product with netting on the top side when excelsior or straw matting is used.

## Section 1632

The Engineer may require adjustments in the trenching or stapling requirements to fit individual cut or fill slope conditions.

### 1631-4 MEASUREMENT AND PAYMENT

*Matting* will be measured and paid in square yards as measured along the surface of the ground, over which matting has been acceptably placed.

Payment will be made under:

Pay Item	Pay Unit
Matting For Erosion Control	Square Yard

## SECTION 1632

### ROCK INLET SEDIMENT TRAP

#### 1632-1 DESCRIPTION

Construct, maintain and remove devices around catch basins and/or drop inlets to reduce water velocity and contain sediment. Work includes furnishing all fence posts, hardware cloth, hardware, stone and other materials, installing and maintaining the 1/4" hardware cloth.

The actual conditions which occur during the construction of the project will determine the quantity of rock inlet sediment traps constructed. The quantity of inlet sediment traps may be increased, decreased or eliminated entirely as directed. Such variations in quantity will not be considered as alterations in the details of construction or a change in the character of the work.

#### 1632-2 MATERIALS

Refer to Division 10.

Item	Section
Sediment Control Stone, Standard Size No. 5 or 57	1005
Stone for Erosion Control, Class A or Class B	1042-1

##### (A) Steel Posts

Provide steel posts in accordance with Subarticle 1605-2(A).

##### (B) Wire Staples

Provide No. 9 staple with at least 1 1/2" length or other approved attachment device.

##### (C) 1/4 Inch Hardware Cloth

Provide hardware cloth with 1/4" openings constructed from 24 gauge wire and with at least 48" width as specified in ASTM A740.

#### 1632-3 CONSTRUCTION METHODS

##### (A) Type A

Place structural stone, Class B, around the outside perimeter of the inlet structure with approximately 2:1 side slopes and plate the upstream side with sediment control stone.

##### (B) Type B

Place structural stone, Class A, around the outside perimeter of the inlet structure with approximately 2:1 side slopes and plate the upstream side with sediment control stone.

##### (C) Type C

Construct rock inlet sediment trap Type C devices as shown in the plans and at other locations as directed. Attach hardware cloth to posts with wire staple or other acceptable methods.